

Serial No. : 09/498,893  
Docket No.: ST97001CI1 (209-US-CI1)

### **REMARKS**

Claims 1, 2, 5-9, 11, 12, 14, 15, 17-23, 26-29, 39-42 and 44 are pending in this application after amending claims 1, 9, 15, 22, and 39. Applicants received an Advisory Action, in which the Examiner indicated that the amendments required a new search. Applicants are submitting this Final Office Action Response along with an RCE in order for the amendments to be considered. Applicants believe that no new matter has been added by this response.

### **Response to 35 U.S.C. §103(a) Rejection**

The Examiner rejected all the claims under multiple 35 U.S.C §103(a) rejections. Applicants have amended the independent claims to recite that the mixer and amplifier may be independently corrected for frequency shift as described on page 9, lines 14-17 of the specification. None of the cited references used in the 35 U.S.C. §103(a) rejections describe or discuss such independently frequency shift correction. Thus, independent claims 1, 9, 15, 22, and 39 are in condition for allowance along with the claims that depend from the independent claims.

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**Conclusion**

In view of the foregoing discussion and amendments, Applicants respectfully submit that claims 1, 2, 5-9, 11, 12, 14, 15, 17-23, 26-29, 39-42 and 44 as presented are in a condition for allowance, for which action is earnestly solicited.

Respectfully submitted,  
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